

RACEGUIDE

2021 MICHELIN MotoGP™



07

GRAN PREMI MONSTER ENERGY DE CATALUNYA

JUNE 4 - 6

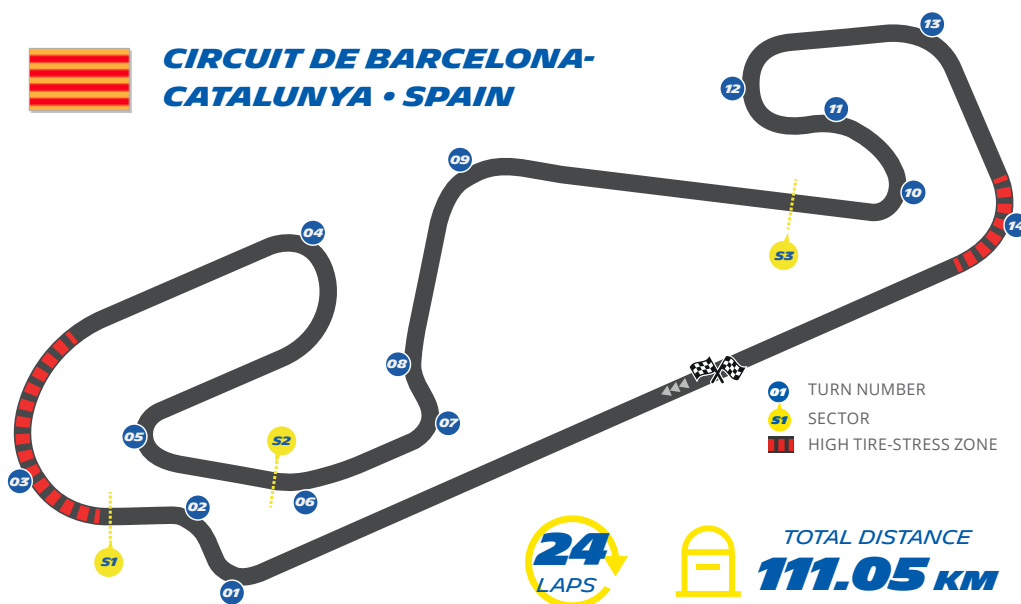
TIRE SEVERITY RATING



Severe > < Mild



CIRCUIT DE BARCELONA-CATALUNYA • SPAIN



24 LAPS



TOTAL DISTANCE **111.05 KM**

LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT
4.657 KM	12 M	8	6	1,047 M

RECORDS

- All Time Lap Record
- Best race lap
- Race duration
- Top Speed

NEW CIRCUIT LAYOUT

MICHELIN RECORDS

Wins



(1992, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2008, 2016, 2017, 2018, 2019, 2020)

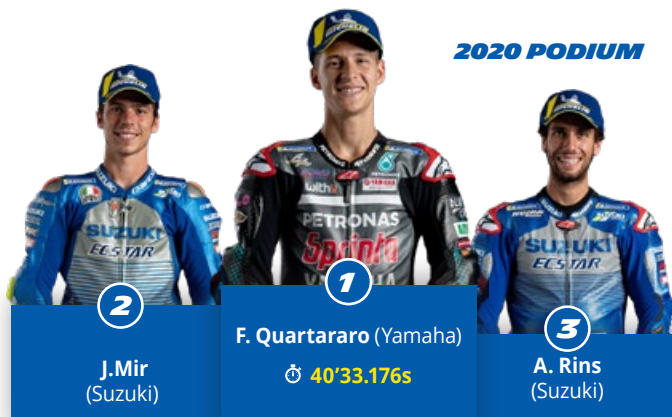
Pole positions



(1992, 1993, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2016, 2017, 2018, 2019, 2020)

2020 GRAN PREMI MONSTER ENERGY DE CATALUNYA

2020 PODIUM



2

J. Mir (Suzuki)

1

F. Quartararo (Yamaha)

⌚ 40'33.176s

3

A. Rins (Suzuki)

2020 Pole: F. Morbidelli (Yamaha), ⌚ 1'38.798s



TIMETABLE

FREE PRACTICE FRIDAY, JUNE 4

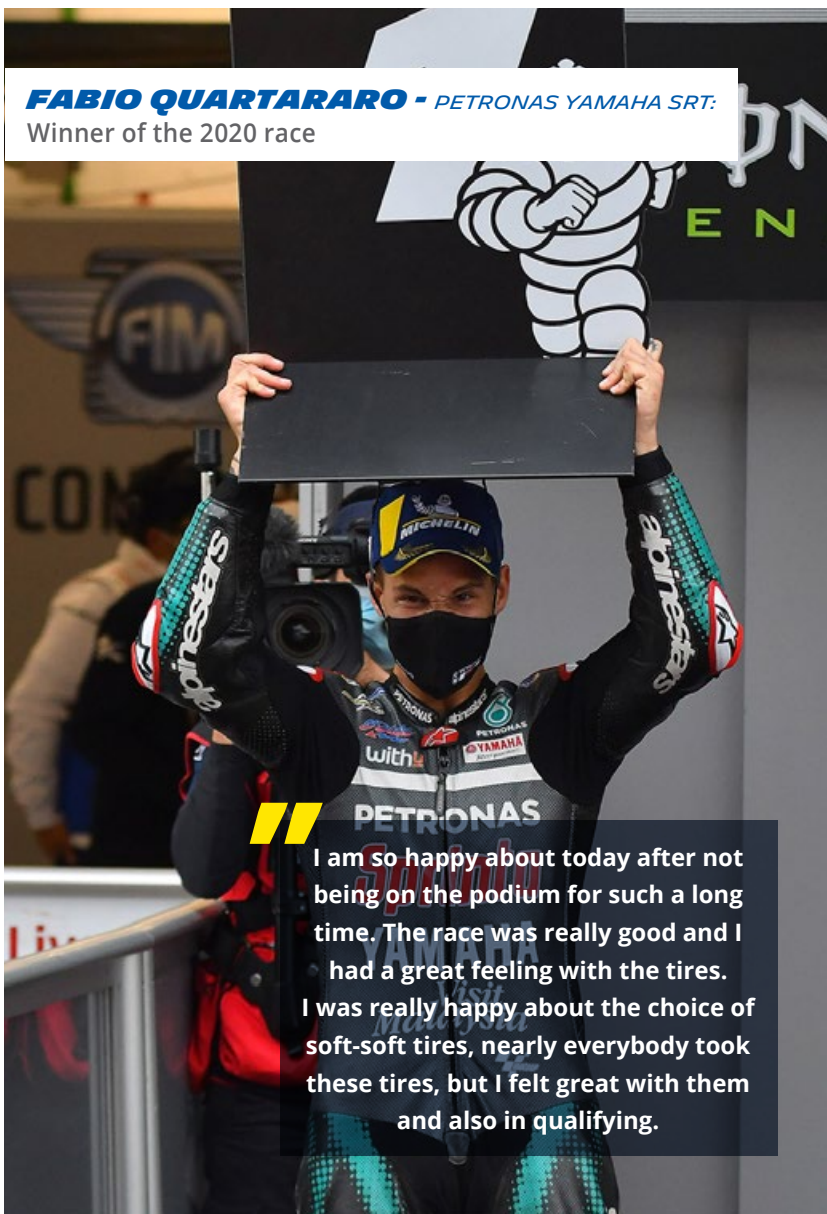
9:00am-09:40am	Moto3	FP1
9:55am-10:40am	MotoGP	FP1
10:55am-11:35am	Moto2	FP1
11:50am-12:20pm	MotoE	FP1
1:15pm-1:55pm	Moto3	FP2
2:10pm-2:55pm	MotoGP	FP2
3:10pm-3:50pm	Moto2	FP2
4:05pm-4:35pm	MotoE	FP2

QUALIFYING PRACTICE SATURDAY, JUNE 5

9:00am-09:40am	Moto3	FP3
9:55am-10:40am	MotoGP	FP3
10:55am-11:35am	Moto2	FP3
11:50am-12:20pm	MotoE	FP3
12:35pm-12:50pm	Moto3	QP1
1:00pm-1:15pm	Moto3	QP2
1:30pm-2:00pm	MotoGP	FP4
2:10pm-2:25pm	MotoGP	QP1
2:35pm-2:50pm	MotoGP	QP2
3:10pm-3:25pm	Moto2	QP1
3:35pm-3:50pm	Moto2	QP2
4:10pm-4:50pm	MotoE	E-Pole

RACE SUNDAY, JUNE 6

09:00am-09:20am	Moto3	WUP
09:30am-9:50am	Moto2	WUP
10:00am-10:20am	MotoGP	WUP
11:20am	Moto3	Race (21 laps)
1:00pm	MotoGP	Race (24 laps)
2:30pm	Moto2	Race (22 laps)
4:00pm	MotoE	Race (7 laps)



FABIO QUARTARARO - PETRONAS YAMAHA SRT:
Winner of the 2020 race

I am so happy about today after not being on the podium for such a long time. The race was really good and I had a great feeling with the tires. I was really happy about the choice of soft-soft tires, nearly everybody took these tires, but I felt great with them and also in qualifying.



LOCAL TIME - SOURCE: motogp.com - INFORMATION SUBJECT TO CHANGE

2021 TIRE REGULATIONS

ALLOCATION PER RACE:

MICHELIN POWER "SLICK": 22

10 Power front slicks

- ✓ Up to 5 Power Slick Soft
- ✓ Up to 5 Power Slick Medium
- ✓ Up to 5 Power Slick Hard



12 Power rear slicks

- ✓ Up to 6 Power Slick Soft
- ✓ Up to 5 Power Slick Medium
- ✓ Up to 4 Power Slick Hard



Riders who participate in both Q1 and Q2:

- ✓ + 1 MICHELIN Front Power Slick (of the specification the riders prefer)
- ✓ 1 MICHELIN Rear Power Slick Soft

In the case that Q1 and Q2 sessions are both declared wet by the Race Director, the extra tires allocated will be rain tires.

In the case that Q1 and Q2 sessions are declared as different weather conditions (dry or wet) then no extra tire will be allocated.

MICHELIN POWER RAIN: 13

6 front Power Rain of 2 specifications



7 rear Power Rain of 2 specifications



In the case that any 4 of the 5 sessions, being FP1, 2, 3, 4, and one Qualifying session (excluding warm-up), are declared wet, one more set of rain tires will be allocated to every rider, and the allocation automatically becomes: 7 Front rain tires, and 8 Rear rain tires.

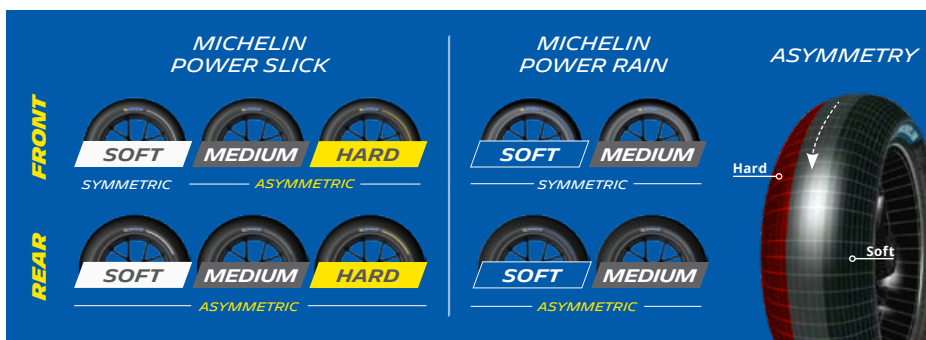
PIERO TARAMASSO
Michelin Motorsport
Two-Wheel Manager



OUR 2021 ALLOCATION WILL PRODUCE SOME FAST LAP-TIMES

We know the Barcelona-Catalunya circuit very well from our past visits for testing and races, so I am sure that in addition to offering consistency and high levels of grip, our 2021 allocation will produce some fast lap-times and exciting racing in both the MotoGP™ and MotoE races. However, from a logistical perspective

this is a challenging race due to the fact that our team will initially need to drive the 875 kilometres from Mugello to our base in Clermont-Ferrand immediately after the race to load up the trucks with the Catalunya allocation, before continuing their journey 600 kilometres south to Barcelona.



MOTOGP™ MICHELIN'S RECORD

453
WINS

31
TITLES

RIDERS WORLD
CHAMPION
(1976 - 2020)



ENTRY LIST

MONSTER ENERGY YAMAHA MOTOGP



MAVERICK VIÑALES
#12

Born: January 12, 1995
Grand Prix debut: 2015, Qatar

111 9 27 12

RECORD WITH MICHELIN

9 27 12 (0)



FABIO QUARTARARO
#20

Born: April 20, 1999
Grand Prix debut: 2019, Qatar

39 6 14 14

RECORD WITH MICHELIN

6 14 14 (0)

REPSOL HONDA TEAM



MARC MÁRQUEZ
#93

Born: February 17, 1993
Grand Prix debut: 2013, Qatar

132 56 95 62

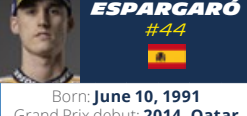
World titles:

(2019, 2018, 2017, 2016, 2014, 2013)

(6)

RECORD WITH MICHELIN

32 56 32 (4)



POL ESPARGARÓ
#44

Born: June 10, 1991
Grand Prix debut: 2014, Qatar

124 0 6 2

RECORD WITH MICHELIN

0 6 2 (0)

PETRONAS YAMAHA SRT



FRANCO MORBIDELLI
#21

Born: December 4, 1994
Grand Prix debut: 2018, Qatar

55 3 6 2

RECORD WITH MICHELIN

3 6 2 (0)



VALENTINO ROSSI
#46

Born: February 16, 1979
Grand Prix debut: 2000, S. Africa

360 89 199 55

World titles:

(2009, 2008, 2005, 2004, 2003, 2002, 2001)

(7)

RECORD WITH MICHELIN

65 124 43 (5)

TEAM SUZUKI ECSTAR



ALEX RINS
#42

Born: December 8, 1995
Grand Prix debut: 2017, Qatar

70 3 12 0

RECORD WITH MICHELIN

3 12 0 (0)



JOAN MIR
#36

Born: September 1st, 1997
Grand Prix debut: 2019, Qatar

37 1 9 0

World title:

(2020)

(1)

RECORD WITH MICHELIN

1 9 0 (1)

APRILIA RACING GRESINI TEAM



ALEIX ESPARGARÓ
#41

Born: July 30, 1989
Grand Prix debut: 2009, Indianapolis

185 0 1 2



LORENZO SAVADORI
#32

Born: April 4, 1993
Grand Prix debut: 2020, Europe

9 0 0 0

ROOKIE

ESPONSORAMA RACING



LUCAS MARINI
#10

Born: August 10, 1997
Grand Prix debut: 2021, Qatar

6 0 0 0

ROOKIE



ENEA BASTIANINI
#23

Born: December 30, 1997
Grand Prix debut: 2021, Qatar

6 0 0 0

ROOKIE

PRAMAC RACING



JOHANN ZARCO
#5

Born: July 16, 1990
Grand Prix debut: 2017, Qatar

72 0 10 5

RECORD WITH MICHELIN

0 10 5 (0)



JORGE MARTÍN
#89

Born: January 29, 1998
Grand Prix debut: 2021, Qatar

2 0 1 1

RECORD WITH MICHELIN

0 1 1 (0)

ROOKIE

TECH 3 KTM FACTORY RACING



DANILO PETRUCCI
#9

Born: October 24, 1990
Grand Prix debut: 2012, Qatar

157 2 10 0

RECORD WITH MICHELIN

2 9 0 (0)



IKER LECUONA
#27

Born: January 6, 2000
Grand Prix debut: 2019, Valence

18 0 0 0

RECORD WITH MICHELIN

18 0 0 0

RED BULL KTM FACTORY RACING



BRAD BINDER
#33

Born: August 11, 1995
Grand Prix debut: 2020, Spain

20 1 1 0

RECORD WITH MICHELIN

1 1 0 (0)



MIGUEL OLIVEIRA
#88

Born: January 4, 1995
Grand Prix debut: 2019, Qatar

36 2 3 1

RECORD WITH MICHELIN

2 3 1 (0)

LCR HONDA



ALEX MÁRQUEZ
#73

Born: April 23, 1996
Grand Prix debut: 2020, Spain

20 0 2 0

RECORD WITH MICHELIN

0 2 0 (0)



TAKAAKI NAKAGAMI
#30

Born: February 9, 1992
Grand Prix debut: 2018, Qatar

53 0 0 1

RECORD WITH MICHELIN

0 0 1 (0)

DUCATI TEAM



JACK MILLER
#43

Born: January 18, 1995
Grand Prix debut: 2015, Qatar

105 3 12 1

RECORD WITH MICHELIN

3 12 1 (0)



FRANCESCO BAGNAIA
#63

Born: January 14, 1997
Grand Prix debut: 2019, Qatar

36 0 4 1

RECORD WITH MICHELIN

0 4 1 (0)



RACE STARTS



WINS



PODIUMS



POLES



WORLD TITLES



RIDERS' STANDINGS

		RACE			QAT	QAT	PRT	ESP	FRA	ITA	ESP	DEU	NLD	AUT	AUT	GBR	ESP	SMR	JPN	THA	AUS	MYS	ESP
RIDERS' STANDING		Wins	Podium	Points																			
					Qatar 24/03	Qatar 04/04	Portimao 2/05	Jerez 2/05	Le Mans 16/05	Misano 30/05	Barcelona 06/06	Sachsenring 20/06	Assen 27/06	Spielberg 08/08	Spielberg 15/08	Silverstone 29/08	Assen 12/09	Misano 19/09	Motegi 03/10	Buriram 10/10	Phillip Island 24/10	Sepang 31/10	Valencia 14/11
					01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
1	Fabio Quartararo #20	3	4	105	11	25	25	3	16	25													
2	Johann Zarco #5		3	81	20	20	DNF	8	20	13													
3	Francesco Bagnaia #63		3	79	16	10	20	20	13	DNF													
4	Jack Miller #43	2	2	74	7	7	DNF	25	25	10													
5	Joan Mir #36		2	65	13	9	16	11	DNF	16													
6	Maverick Viñales #12	1	1	64	25	11	5	9	6	8													
7	Aleix Espargaró #41			44	9	6	10	10	DNF	9													
8	Brad Binder #33			35	2	8	11	DNF	3	11													
9	Franco Morbidelli #21	1		33	0	4	13	16	0	0													
10	Miguel Oliveira #88	1		29	3	1	0	5	DNF	20													
11	Takaaki Nakagami #30			28	DNF	0	6	13	9	DNF													
12	Pol Espargaró #44			25	8	3	DNF	6	8														
13	Alex Rins #42			23	10	13	DNF	0	DNF	DNF													
14	Danilo Petrucci #9			23	DNF	0	3	2	11	7													
15	Enea Bastianini #23			20	6	5	7	DNF	2	DNF													
16	Alex Màrquez #73			20	DNF	DNF	8	DNF	10	2													
17	Jorge Martin #89	1		17	1	16	DNS	-	-	-													
18	Marc Màrquez #93			16	-	-	9	7	DNF	DNF													
19	Valentino Rossi #46			15	4	0	DNF	0	5	6													
20	Iker Lecuona #27			14	0	DNF	1	1	7	5													
21	Stefan Bradl #6			11	5	2	-	4	-	-													
22	Luca Marini #10			8	0	0	4	0	4	0													
23	Lorenzo Savadori #32			3	0	0	2	0	DNF	1													
24	Michele Pirro #51			3	-	-	-	-	-	3													
25	Tito Rabat #53			1	-	-	-	0	1	-													

1st 25 pts 4th 13 pts 7th 9 pts 10th 6 pts 13th 3 pts
 2nd 20 pts 5th 11 pts 8th 8 pts 11th 5 pts 14th 2 pts
 3rd 16 pts 6th 10 pts 9th 7 pts 12th 4 pts 15th 1 pt

DNF: Did Not Finish
 DNS: Did Not Start



FACTS

MICHELIN'S MotoGP™ RACE STAFF*

15,000



The number of kilometres covered by a rider during a season (races and practice)



22

slick tires a rider can use

during a grand prix weekend (free practice, qualifying, warm-up and race)



MINIMUM PRESSURE FOR A TIRE

Front slick **1,9 BAR** Rear slick **1,7 BAR**



THE OPERATING TEMPERATURE

Front slick **100°C** Rear slick **120°C**



2 DEVELOPERS



7 TECHNICIANS



11 FITTERS

1 MANAGER



1 COORDINATOR AND MOTOE MANAGER



2 PRESS OFFICERS



3 MARKETING / COMMUNICATION

*ONLY A PART OF THE MOTOGP TEAM TRAVELS TO EACH RACE.



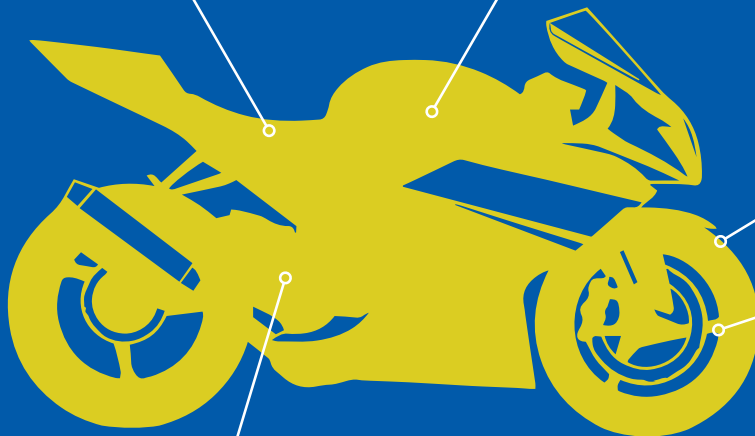
WEIGHT:

157 KG



MAXIMUM FUEL TANK CAPACITY:

22 LITRES



ENGINE DISPLACEMENT:

1,000 cc

4
stroke

POWER:

240 HP

TIRES



MICHELIN POWER SLICK



OR **MICHELIN POWER RAIN**

17"

RIM DIAMETER:

17 INCHES

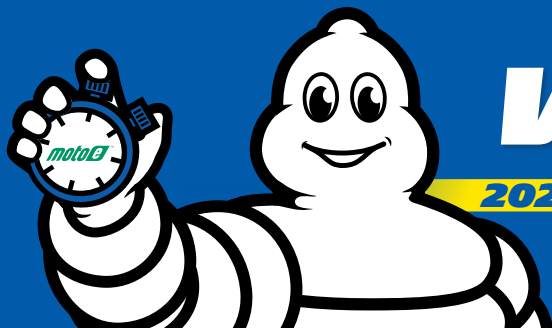
SIZES:

FRONT: **12 / 60 - 17**

Width (cm) Exterior diameter (cm) Rim diameter (inches)

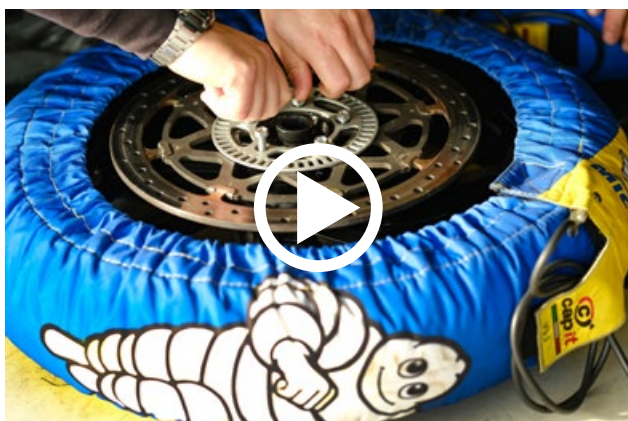
REAR: **20 / 69 - 17**





WORLD CUP

2020 FIM ENEL MotoE™



NEW TIRES FOR 2021:

Sustainable materials account for between 33 and 40 percent

of the content of Michelin's new MotoE™ tires

In terms of its FIM MotoE™ World Cup programme, the proportion of sustainable materials used to make its rear tires for the 2021 series has already reached 40 percent, while the figure for its front MotoE™ tires stands at 33 percent.

A wide variety of bio-sourced and recycled materials are employed for the production of Michelin's MotoE™ tires, including: orange and lemon peel, pine resin, sunflower oil, hevea sap, worn truck and car tires, scrap steel.

The increase in the proportion of bio-sourced and recycled materials that go into Michelin's MotoE™ tires means that 4.6 tonnes of sustainable materials will be used in the course of the 2021 series.

A SINGLE FRONT REAR PAIRING

- ✓ **Exceptional versatility:** just one combination of front and rear tires to cover all the circuits visited by the 2021 series.
- ✓ **High performance:** a revised materials-specification, yet superior performance compared with 2020
- ✓ **Grip:** grip performance from Turn 1, Lap 1

CALENDAR

7 races, 6 circuits

1	2/05		Jerez - Spain
2	16/05		Le Mans - France
3	6/06		Barcelona - Spain
4	27/06		Assen - Netherlands
5	15/08		Spielberg - Austria
6	18/09		Misano - Italy
7	19/09		Misano - Italy

ALLOCATION PER RIDER



SINGLE WEEKEND

- 9 MICHELIN Power slicks MotoE
- 7 MICHELIN Power Rain MotoE
- Slicks: 4 front and 5 rear tires
- Wet: 3 front and 4 rear tires



DOUBLE WEEKEND

- 11 MICHELIN Power slicks MotoE
- 9 MICHELIN Power Rain MotoE
- Slicks: 5 front and 6 rear
- Wet: 4 front and 5 rear

One compound option per race weekend
Based upon the track layout and expected conditions for each Grand Prix, Michelin will select the most suitable tire compound option for each race weekend.

ENTRY LIST

18 RIDERS REPRESENT 11 TEAMS,
11 NATIONALITIES, 9 ROOKIES

OCTO PRAMAC MOTOE

ALESSANDRO ZACCONE
#61
Italy

8 🏁 1 🏆 2 🏅 0 🏆

YONNY HERNANDEZ
#68
Spain

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

OPENBANK ASPAR TEAM

MARIA HERRERA
#6
Spain

15 🏁 0 🏆 0 🏅 0 🏆

FERMIN ALDEGUER
#54
Spain

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

LCR E-TEAM

KEVIN ZANNONI
#21
Italy

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

MIQUEL PONS
#71
Spain

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

TRENTINO GRESINI MOTOE

MATTEO FERRARI
#11
Italy

15 🏁 4 🏆 7 🏅 1 🏆

1 🏆 World title: 2019

ANDREA MANTOVANI
#9
Italy

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

AVINTIA ESPONSORAMA RACING

XAVIER CARDELUS
#18
Spain

9 🏁 0 🏆 0 🏅 0 🏆

ANDRÉ PIRES
#14
Portugal

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

TECH3 E-RACING

LUKAS TULOVIC
#35
Germany

9 🏁 0 🏆 0 🏅 0 🏆

CORENTIN PEROLARI
#19
France

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

ONGETTA SIC58 SQUADRA CORSE

MATTIA CASADEI
#27
Italy

15 🏁 0 🏆 4 🏅 0 🏆

PONS RACING 40

JORDI TORRES
#40
Spain

9 🏁 1 🏆 5 🏅 4 🏆

1 🏆 World title: 2020

JASPER IWEMA
#53
Netherlands

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

ONE ENERGY RACING

ERIC GRANADO
#51
Brazil

14 🏁 2 🏆 4 🏅 5 🏆

AVANT AJO MOTOE

HIKARI OKUBO
#78
Japan

2 🏁 0 🏆 0 🏅 0 🏆

DYNAVOLT INTACT GP

DOMINIQUE AEGERTER
#77
Switzerland

9 🏁 2 🏆 5 🏅 1 🏆

RACE FORMATS

PRACTICE

Two practice sessions (30 minutes) on Friday and one on Saturday.

E-POLE QUALIFYING PRACTICE

Each rider will carry out 3 laps of the circuit (one warm up lap - one timed lap - one slow down lap).

The riders will start one by one, from the end of the pit lane

The starting order of the riders will be the opposite of the combined free practice results

GRID

Grid positions will be based on the fastest time recorded by the riders in the E-Pole qualifying session.

In the case where the E-Pole qualifying session has been cancelled, the grid position will be based on the fastest times recorded by riders in all free practice sessions.

RACE

Riders will complete one sighting lap before taking their position on the grid. There is no warm up lap, once the grid preparations have finished, the red light will go out and the race starts.

Tire warmers may be used on the grid.

Charging of the battery on the grid is permitted.

POINTS-SCORING SYSTEM

All races will count for the Cup classification.

1 st 25 pts	9 th 7 pts
2 nd 20 pts	10 th 6 pts
3 th 16 pts	11 th 5 pts
4 th 13 pts	12 th 4 pts
5 th 11 pts	13 th 3 pts
6 th 10 pts	14 th 2 pts
7 th 9 pts	15 th 1 pt
8 th 8 pts	



MICHELIN'S MotoGP™ RANGE 2021 SEASON

MICHELIN POWER SLICK

FRONT
12/60 - 17



SOFT

MEDIUM

HARD

REAR
20/69 - 17



MICHELIN POWER RAIN

FRONT
12/60 - 17



SOFT

MEDIUM

REAR
20/69 - 17



MICHELIN POWER

MICHELIN POWER MOTOGP



MICHELIN POWER PERFORMANCE SLICK



1000CC



600CC

Competition use

MICHELIN POWER SLICK²



Competition Beginner - Track days
Not type-approved for road use

MICHELIN POWER CUP²



Competition Beginner
Track days - Road legal

MICHELIN POWER GP



50 % track days - 50 % road

MICHELIN POWER 5



100 % road



MICHELIN POWER

OVER 30 WORLD TITLES

SINCE 1973



MFP: Michelin, Place des Carmes Déchaux, 63 040 Clermont-Fd, 855 20 0507 R. S. |umont-Fd, Photo Lukasz Swiderek 2020



MICHELIN POWER
The winning tire range with over 450 wins and 31 Premier Class world titles (MotoGP™/500cc) in the past 47 years.



From left to right, MICHELIN Power Slick (MotoGP™ winner), MICHELIN Power Cup2, MICHELIN Power GP, MICHELIN Power5.